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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|---------------------------|
| Application Number | 10/517,319 |
| Filing Date | July 15, 2005 |
| First Named Inventor | Philippe A. TESSIER |
| Art Unit | 1699 1644 |
| Examiner Name | Marsha M. TSAY Sharon Wen |
| Attorney Docket Number | 6013-149US |

Sheet

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of

1

NON PATENT LITERATURE DOCUMENTS

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|--------------------|-----------------------|---|----------------|
| /S.W./ | | DONATO, Rosario: "Functional roles of S100 proteins, calcium-binding proteins of the EF-hand type" Biochimica et Biophysica Acta 1450 (1999), pages 191-231 | |
| /S.W./ | | RAVASI, Timothy et al.: "Probing the S100 protein family through genomic and functional analysis" Genomics 84 (2004), pages 10-22 | |
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| Examiner Signature | /Sharon Wen/ | Date Considered | 08/15/2007 |
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| /S.W./ | | EUE et al., Transendothelial migration of 27E10+ human monocytes, International Immunology, 2000, Vol. 12: 1593-1604 | |
| /S.W./ | | HARRISON et al., Oxidation Regulates the Inflammatory Properties of the Murine S100 Protein S100A8, The Journal of Biological Chemistry, 1999, Vol.274: 8561-8569 | |
| /S.W./ | | NEWTON et al., The Human S100 Protein MRP-14 Is a Novel Activator of the β 2 Integrin Mac-1 on Neutrophils, The Journal of Immunology, 1998, 160: 1427-1435 | |
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of

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Complete if Known

Application Number

10/517,319

Filing Date

07/15/2005

First Named Inventor

Philippe Tessier

Art Unit

1653

Examiner Name

Attorney Docket Number

6013-149US MG/pd



U.S. PATENT DOCUMENTS

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| | | First Named Inventor | Philippe Tessier |
| | | Art Unit | 4650 1644 |
| | | Examiner Name | Sharon Wen |
| | | Attorney Docket Number | 6013-149US MG/pd |
| Sheet | 2 | of | 2 |

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|-----------------------|--------------------------|--|----------------|
| /S.W./ | | DUNN C J ET AL: "Increased expression of neutrophil MRP8 and MRP14 is associated with vascular adhesion molecule activation and differential leukocyte infiltration in delayed-type hypersensitivity suggesting a proinflammatory role for S100 calcium-binding proteins" Biosis, XP002242712 abstract | |
| | | YEN TINA ET AL: "Induction of the S100 chemotactic protein, CP-10, in murine microvascular endothelial cells by proinflammatory stimuli", Blood, W.B. Saunders, Philadelphia, VA, US, vol. 90, no. 12, 15 December 1997, pages 4812-4821 | |
| | | LAGASSE E ET AL: "Mouse MRP8 and MRP14, two intracellular calcium-binding proteins associated with the development of the myeloid lineage" Blood, W.B. Saunders, Philadelphia, VA, US, vol. 79, 1992, pages 1907-1915 | |
| | | LACKMANN M.: "Identification of a chemotactic domain of the pro-inflammatory S100 Protein CP-10", Journal of immunology, The Williams and Wilkins Co. Baltimore, US, vol. 150, no 7, April 1, 1993, pages 2981-2991 | |
| | | DEVERY JANNINE M ET AL: "Acute inflammatory activity of the S100 protein CP-10: Activation of neutrophils in vivo and in vitro." Journal of immunology, vol. 152, no. 4, 1994, pages 1888-1897 | |
| | | RYCKMAN CARLE ET AL: "Proinflammatory activities of S100: Proteins S100A8, S100A9, and S100A8/A9 induce neutrophil chemotaxis and adhesion." Journal of immunology, vol. 170, no. 6, 15 March 2003, pages 3233-3242 | |
| | | ROULEAU PASCAL ET AL: "The calcium-binding protein S100A12 induces neutrophil adhesion, migration, and release from bone marrow in mouse at concentrations similar to those found in human inflammatory arthritis., Clinical Immunology (Orlando), vol. 107, no.1, 20 April 2003, pages 46-54 | |

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